Index of Claims

Application No.

09/747,286

Examiner

Applicant(s)

SKIRHA ET AL.

Art Unit

EDMUND H. LEE

1732

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

(Through numeral) Cancelled

Restricted

| N | Non-Elected  |
|---|--------------|
|   | Interference |

|   | А | Appeal   |
|---|---|----------|
| ĺ | 0 | Objected |

|          |                                 |          | L        |          |     |  | J  |  | <u> </u> | ١            |  |  |
|----------|---------------------------------|----------|----------|----------|-----|--|--|--|----------|--------------|--|--|
| CI       | aim                             | Date     |          |          |     |  |  |  |          |              |  |  |
|          | ſ                               | +        | 1        | Т        | Т   | μa   | T  | $\overline{}$                                    |          | т            |  |  |
| Final    | Original                        | 6/28/04  |          |          |     |  |  |  |          |              |  |  |
|          |                                 | ┼        |          |          | ┾   | +  | +  | +  | +        | ╁            |  |  |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7 | +        | -        | -        | -   | ╁  | +-   | +  | +        |              |  |  |
|          | 3                               | 1        | $\vdash$ | H        | ╁   | +  | +  | +  | +        | +            |  |  |
|          | 4                               | $\top$   | T        |          | 1   | 1  | 十  | 1  | +        | T            |  |  |
|          | 5                               |          |          | T        |     | 1  | ┰  | †  | 1-       |              |  |  |
|          | 6                               |          |          |          |     | T  | 1  | 1  |          |              |  |  |
|          | 7                               |          |          |          | L   |  |  |  | L        |              |  |  |
|          | 8                               |          |          |          | L   | ļ  | 1  |  |          |              |  |  |
|          | 9                               |          | <u> </u> | L        | ļ   | <u> </u>   | ┺  | _  | 1        | <u> </u>     |  |  |
|          | 10                              | <u> </u> |          | <u> </u> | ļ., | ↓  | ↓_   | 1  | -        | <u> </u>     |  |  |
|          | 11                              | Н        | _        | ļ        |     | +  | ļ  | <b>├</b>   | -        | -            |  |  |
|          | 12                              | V        |          |          |     | ╀  | ┼  | -  | -        | ├            |  |  |
|          | 1.4                             | V        |          |          |     | +  | +  | ╁  | ┼        | <del> </del> |  |  |
|          | 15                              | V        |          |          | ┝   | ╁  | +  | ╆  | ┼        | ├            |  |  |
|          | 13<br>14<br>15<br>16            | v        |          |          | ┢   | ╁┈   | +  | $\vdash$   | ╁        | <del> </del> |  |  |
|          | 17                              | v        |          |          | -   | ╁  | +  | ╁  | ├        |              |  |  |
|          | 18                              | v        |          | _        | -   | 1  | +  | ╁  | +-       | $\vdash$     |  |  |
|          | 18<br>19                        | Ħ        |          | _        |     | ┢  | +  | $\vdash$   | 1        |              |  |  |
|          | 20                              |          |          |          | H   |  | 1  | <del>                                     </del> | 1        |              |  |  |
|          | 21                              |          |          |          |     |  | İ  | 1  |          |              |  |  |
|          | 22                              |          |          |          |     |  |  | T  | 1        |              |  |  |
|          | 21<br>22<br>23<br>24<br>25      | ٧        |          |          |     |  |  | П  |          |              |  |  |
|          | 24                              | ٧        |          |          |     |  |  |  |          |              |  |  |
|          | 25                              | ٧        | _        |          |     | L  | _  |  | <u> </u> |              |  |  |
|          | 26<br>27                        | V        | _        |          |     | L  | <u> </u>   |  |          | Ш            |  |  |
|          | 27                              | V        |          |          |     | ļ.,  |  | ļ  | _        | Щ            |  |  |
|          | 28                              | V        | _        | _        |     | ļ_   | ╀  | _  | <u> </u> |              |  |  |
|          | 29<br>30                        | v<br>v   |          |          | _   | ⊢  | ├  | ⊢  | <u> </u> | <u> </u>     |  |  |
|          | 31                              |          |          |          |     |  | ├  | ⊢  | -        | $\vdash$     |  |  |
|          | 32                              | V        | -        |          | _   |  | -  | ļ —  | $\vdash$ | $\vdash$     |  |  |
|          | 33                              | ľ        | +        |          |     |  | -  |  | $\vdash$ | Н            |  |  |
|          | 34                              | ν        |          |          |     | <del>                                     </del> | -  |  |          | $\dashv$     |  |  |
|          | 35                              | V        | 寸        |          |     | $\vdash$   | _  | -  |          | Н            |  |  |
|          | 36                              | v        | $\neg$   |          |     | 1  | T  |  |          |              |  |  |
|          | 37                              | ٧        |          |          |     |  | Г  |  |          |              |  |  |
|          | 38                              | ٧        |          |          |     |  |  |  |          |              |  |  |
|          | 39                              |          | _        |          |     | <u>_</u>   |  |  |          |              |  |  |
|          | 40                              |          | _        |          |     |  |  |  |          |              |  |  |
|          | 41                              |          | 4        | _        |     | <u> </u>   |  |  |          |              |  |  |
|          | 42                              | $\dashv$ | -        | 4        |     |  | $\vdash$   | L  |          |              |  |  |
|          | 43                              | $\dashv$ | $\dashv$ | $\dashv$ |     | <u> </u>   | <del>                                     </del> | $\vdash$   |          | $\dashv$     |  |  |
|          | 44<br>45                        | $\dashv$ | $\dashv$ | $\dashv$ |     |  | -  | Н  |          | $\dashv$     |  |  |
|          | 46                              | $\dashv$ | +        | $\dashv$ |     |  | <u> </u>   | $\vdash$   |          |              |  |  |
|          | 47                              | +        | +        | $\dashv$ | -   |  |  | Н  | $\vdash$ | $\dashv$     |  |  |
| -        | 48                              |          | $\dashv$ | $\dashv$ | _   |  | <u> </u>   |  | -        | $-\parallel$ |  |  |
| $\dashv$ | 49                              | $\dashv$ | +        | -+       |     |  |  |  |          | $\dashv$     |  |  |
| -        | 50                              |          | +        | -1       |     |  | Н  |  |          | $\dashv$     |  |  |

| Clair | m        | I        |          |          |                | Da   | le       |          |          |           | 7        | CI       | aim      | Π            | _            |          |              | Da       | te   |              |  |              |
|-------|----------|----------|----------|----------|----------------|--|----------|----------|----------|-----------|----------|----------|----------|--------------|--------------|----------|--------------|----------|--|--------------|--|--------------|
| - [   |          | Ι.       |          |          | Т              | T  |          |          | $T^{-}$  | T         | 1        |          |          |              | Γ            | Г        | T            | Ī        | Ť  | Τ            | Т  | Т            |
|       | Original | 6/28/04  |          |          |                |  | 1        | -        |          | 1         |          | <u>a</u> | Original |              |              |          |              |          | İ  |              |  |              |
|       | Ē.       | 128      |          |          |                |  |          | Ì        |          |           |          | Final    | Ë        |              |              |          |              |          |  |              | 1  |              |
|       | O        | ۱۳       | 1        |          | 1              |  |          |          |          |           | 1        |          | 0        |              |              | 1        |              |          |  |              |  |              |
| _     | 1        | $\vdash$ | T        | 1        | ╈              | †  | $\vdash$ | T        | $\top$   | +         | 1        | -        | 51       |              | ╁╴           | $\vdash$ | ╁╴           | +        | +  | ╁            | +  | +            |
| 1     | 2        |          |          |          |                | $\dagger$  | 1        |          | İ        | †···      | 1        |          | 51<br>52 | 1            |              | 1        | <b>-</b>     | +        | T  | †            | +  | +-           |
| 1     | 3        | <u> </u> |          |          | T              | $\top$   |          | T        | -        | $\dagger$ | 1 1      |          | 53       | <del> </del> |              | $\vdash$ | $\dagger$    | +        | +  | ╁            | +  | +            |
| 十     | 3        |          | $\vdash$ | ╁        | 1              | ╁  | ╁        | 1        | +        | $\dagger$ | 1        |          | 54       |              | ┢            | ┼        | $\dagger$    | +        | ╁  | +            | +  | +            |
| +     | 5        |          |          | -        | 1              | +  | $\vdash$ | +-       | +-       | +         | 1        |          | 55       | <del> </del> |              | -        | $\vdash$     | ┼        | ╁  | +            | ╁  | ╁╌           |
| +     | 6        |          | ╁╌╴      | -        | $\vdash$       | +-   | +        | +-       | +        | +-        | 1        |          | 56       |              | -            | -        | ╁            | ╁╌       | ╁  | +            | +  | ╁            |
| +     | 6<br>7   | $\vdash$ | ├        |          | $\vdash$       | ╁  | -        | $\vdash$ | $\vdash$ | +-        | 1 1      |          | 57       | $\vdash$     | ├            | ╁        | +            | +        | +  | ╁            | -  | ╁            |
| +     | 8        |          | ╢        | $\vdash$ | -              | ┼  | ╁        | ╁        | ┢        | ╁         | 1 1      |          | 58       | ┢            |              | ┢        | ╁            | +        | ┢  | ┼            | ╁  | ╆            |
|       | 9        | -        |          |          | ╁              | +  | +        | +        | ╁        | ╁         | 1 1      |          | 59       | ┝            | ├            | -        | $\vdash$     | +        | +  | ⊢            | +  | +-           |
| +.    | 10       |          | ┢        | ├        | ┼┈             | ╁  | ⊢        | ╁        | 1        | -         | -        |          | 60       |              | <del> </del> | -        | +            | -        | -  | ⊬            | $\vdash$   | <del> </del> |
|       | 11       | -        | _        | ⊢        | ├              | <del> </del>                                     | ├        | +-       |          | +         | ┨        |          |          | _            | ļ            | -        | <b>}</b>     | -        | ╀  | ┼            | +-   | 1            |
| +-    | 12       |          | ├        | -        | <u> </u>       | -  |          | ├—       | -        | -         | -        |          | 61       |              | <u> </u>     | ├        |              |          | _  | ⊢            |  | ┼            |
|       |          | ٧        |          | ├-       | -              | ╄  | ╄        | _        | ├        | ╀         | ┦┞       |          | 62       | <u> </u>     | ļ            | <u> </u> | <u> </u>     | ↓_       | <u> </u>   | ļ            | _  | _            |
|       | 13       | ٧        | _        |          | -              |  | ▙        | 1        | ļ        | <b> </b>  | Į ļ      |          | 63       | <u> </u>     | <u> </u>     | _        | Ļ            | _        | igspace  | I            | <u> </u>   | <u> </u>     |
| +     | 14       | ٧        | ļ        | <u> </u> | 1              | ↓_   | _        | <u> </u> | ļ        | <u> </u>  | 1 1      |          | 64       | L            |              |          |              |          | $oxed{oxed}$                                     | <u> </u>     | ╙  | L            |
|       | 15       | ν        |          | <u> </u> | <u> </u>       | <b> </b>   | <u> </u> | L        | <u> </u> | L         | ↓ ↓      |          | 65       |              |              |          | <u> </u>     |          | <u> </u>   | _            | L  | <u> </u>     |
|       | 16       | ٧        |          |          | <u> </u>       |  |          | <u>L</u> | <u> </u> |           | ] [      |          | 66       |              |              | <u> </u> | L            |          |  |              |  | İ            |
|       | 17       | ٧        |          |          |                | _  |          |          | _        | L         | ] [      |          | 67       |              |              |          |              |          |  |              |  |              |
|       | 18       | ٧        |          | _        | Ĺ              | L  | _        |          |          |           | ] [      |          | 68       |              |              |          |              |          |  | Γ            | П  |              |
|       | 19       |          |          |          |                |  |          | <u>L</u> |          |           |          |          | 69       |              |              |          |              | П        |  |              |  |              |
| 12    | 20       |          |          |          |                | -  |          |          |          |           | ] [      |          | 70       |              |              |          |              |          |  | Г            | 1  | T            |
| 7     | 21       |          |          |          |                |  |          |          |          |           | 1 [      |          | 71       |              |              |          | T .          | $\vdash$ |  |              |  |              |
|       | 22       |          |          |          |                | Ì  |          |          |          |           | 1        |          | 72       |              |              |          | <b> </b>     | 1        |  |              |  |              |
| 12    | 23       | ٧        |          |          | Г              |  | Т        |          | _        |           | 1 1      |          | 73       |              |              |          | Н            |          |  | -            | <del>                                     </del> | <b>!</b>     |
|       | 24       | ٧        |          |          | _              | ļ ·  | <u> </u> |          |          |           | 1        |          | 74       |              |              |          | T            | <b>-</b> | <del>                                     </del> |              | ┢  | <u> </u>     |
| 12    | 25       | v        |          | $\vdash$ | Г              | <del>                                     </del> |          |          |          |           | 1        |          | 75       | $\neg$       |              |          |              |          | $\vdash$   |              | ╁  | -            |
|       | 26       | v        |          |          |                |  | _        | Т        |          | 1         | i t      |          | 76       |              |              |          | <del> </del> | -        | $\vdash$   | -            |  | $\vdash$     |
| 1     | 27       | v        |          | $\vdash$ |                | <u> </u>   | <u> </u> |          | -        |           | 1        |          | 77       |              |              |          |              |          |  | <del> </del> | -  | $\vdash$     |
|       | 28       | v        |          |          |                |  |          |          |          | <u> </u>  | 1        |          | 78       |              |              |          |              | $\vdash$ |  | ┝╌           | -  | ⊢            |
|       | 29       | v        |          | _        | -              | <del>                                     </del> | $\vdash$ |          |          |           | 1        |          | 79       |              |              |          | -            | $\vdash$ | -  |              | -  | -            |
|       | 30       | v        |          |          | _              | $\vdash$   |          |          |          | -         | 1 1      |          | 80       | -            |              |          | -            | $\vdash$ | $\vdash$   | -            | $\vdash$   |              |
| 1.    | 31       | v        |          |          |                |  |          |          | -        | ├         | ł        |          | 81       | $\dashv$     |              |          | ├            | $\vdash$ |  |              | ├  | -            |
|       | 32       | v        |          |          | <del> </del> — |  | -        |          | _        |           | i F      |          | 01       |              | -            | _        | <del> </del> |          |  | -            | _  | -            |
| 1     | 33       | <u> </u> |          |          | -              | $\vdash$   |          |          | _        | -         | 1        |          | 82       | $\dashv$     |              |          | <u> </u>     | -        | $\vdash$   | -            | <u> </u>   | <u> </u>     |
|       |          |          |          |          |                | -  |          | _        |          |           | }  -     |          | 83       | -            |              |          | _            |          |  |              | ļ  |              |
| 13    | 34       | ٧        | _        |          | <u> </u>       |  |          |          |          | <u> </u>  | -        |          | 84       | $\dashv$     | _            |          | _            |          |  |              | ļ  | _            |
|       | 35       | ٧        |          |          |                |  |          |          |          |           | -        |          | 85       |              | 4            |          | _            |          | <u> </u>   |              | <u> </u>   | <u> </u>     |
| + 3   | 6        | <u> </u> | _        | <u> </u> | -              | H  | <u></u>  | -        |          |           | -        |          | 86       | 4            | _            |          |              | <u> </u> |  | <u> </u>     | L.,  | _            |
| 1     | 7        | ٧        |          |          | <u> </u>       | ļ  |          | $\Box$   |          |           |          |          | 87       | 4            | _            |          | L-           |          | <u> </u>   |              | <u> </u>   | L            |
| 3     | 8        | V        |          |          |                |  |          |          | _        |           | L        |          | 88       |              | _            |          |              | ļ        |  |              |  |              |
| 13    | 9        | 4        | _        |          |                |  |          |          |          |           | L        |          | 89       |              | _            |          |              |          |  |              |  |              |
| 4     | 0        | _        | _        |          |                |  |          |          |          |           |          |          | 90       | _            | _            |          |              |          |  |              |  |              |
|       | 11       | $\perp$  | _        |          |                |  |          |          | _        |           |          |          | 91       |              |              |          |              |          |  |              |  |              |
| 4     | 2        | _        |          |          |                |  |          |          |          |           | L        |          | 92       |              |              |          |              |          |  |              |  |              |
|       | 3        |          |          |          |                |  |          |          |          |           | Ĺ        | I        | 93       |              |              |          |              |          |  |              |  |              |
| 4     | 4        |          |          | ]        |                |  | ]        |          | ]        |           |          | $_{-}$ T | 94       | $\Box$       |              |          |              |          |  |              |  |              |
|       | 5        |          | _]       |          |                |  |          |          |          |           | Γ        |          | 95       |              |              |          |              |          |  |              |  |              |
| 4     | 6        | J        |          | ]        |                | П  |          |          | $\neg$   |           | 一「       | $\Box$   | 96       |              |              |          |              |          |  |              |  |              |
| 4     | 7        | $\top$   |          |          |                |  |          | $\neg$   |          |           |          |          | 97       | 寸            | T            |          |              |          |  | $\neg$       |  |              |
|       | 8        |          |          | $\neg$   |                |  | $\neg$   |          | 7        |           |          | $\neg$   | 98       | _            | $\dashv$     | _        | $\neg$       |          |  | $\neg$       | $\neg$   | $\neg$       |
| 4     | 9        | 寸        |          | _        |                |  | $\neg$   | 1        | 寸        |           |          |          | 99       | $\dashv$     | -+           | $\dashv$ | $\neg$       | $\dashv$ |  | -            |  | $\dashv$     |
| 5     |          | 1        | $\dashv$ | T        |                |  | $\dashv$ | 寸        | $\neg$   |           | <u> </u> |          | 100      | $\dashv$     | -            | $\dashv$ |              | $\dashv$ | -  | -+           | -  | $\dashv$     |
|       | - 1      |          | 1        |          | I              | I  |          |          |          |           | L        | L        | , 00     |              |              |          | 1            |          |  |              |  | ]            |

|          | -1                | Τ        | Date   |  |                         |              |  |          |          |           |  |  |
|----------|-------------------|----------|--|--|-------------------------|--------------|--|----------|----------|-----------|--|--|
|          | aim               | +        |  | т-   | т-                      | υa           | te   | _        | _        |           |  |  |
| Final    | Original          |          |  |  |                         | !            |  |          |          |           |  |  |
|          | 101               | Т        |  | T  | T                       | $\top$       | 1  | 1        | $\top$   |           |  |  |
|          | 102               |          | Τ  |  | Ι.                      |              |  |          |          |           |  |  |
|          | 103<br>104        |          | <u> </u>   | $oxed{oxed}$                                     |                         |              | $\perp$  |          |          |           |  |  |
| L        | 104               |          | _  | $\perp$  | 1_                      | 1            | _  | $\perp$  | $\perp$  | _         |  |  |
|          | 105               | ļ        | 1  | 1_   | $oldsymbol{\downarrow}$ | 4_           | _  | 1        | 4_       | 1         |  |  |
| ļ        | 106               | <u> </u> | 1  | <u> </u>   | 1-                      | <u> </u>     | $\perp$  | 1        | 4        | <u> </u>  |  |  |
| -        | 107<br>108        | 1        | ├-   | ╀  | ╀                       | ╄            | ╄  | +-       | +        | -         |  |  |
| <u> </u> | 109               | $\vdash$ | -  | ┼  | -                       | +            | +  | +-       | -        | -         |  |  |
|          | 110               | ┼        | $\vdash$   | +  | ╁                       | +            | +  | ╁        | +        | +         |  |  |
|          | 111               | i        | -  | +  | +                       | +-           | +  | +        | ╁        | 1         |  |  |
|          | 111<br>112        |          | ┼-   |  |                         | 1            | †  | +        | †-       | $\vdash$  |  |  |
|          | 113               |          |  |  |                         |              | $\top$   | T        |          |           |  |  |
|          | 114               |          |  |  | Γ                       |              |  |          |          |           |  |  |
|          | 115               | _        | _  | _  | L                       | 1            | _  |          |          |           |  |  |
|          | 116               |          | <u> </u>   | _  | L                       | <u> </u>     | ↓_   | 4_       | L        | <u> </u>  |  |  |
|          | 117               | L-       | <u> </u>   | ــــ   | ļ                       | 1            | ↓_   | $\perp$  | ļ.,      | <u> </u>  |  |  |
|          | 118               |          | <del> </del>                                     |  |                         | 1            | 1  | 1        | ╄        | 1         |  |  |
| -        | 119<br>120<br>121 | -        | ├  | $\vdash$   | ⊢                       | ╀            | -  | ╀        | ├        | Н         |  |  |
|          | 120               |          | $\vdash$   | ⊢  | ├                       | ┢            | ╁  | Ͱ        | ├        | $\vdash$  |  |  |
|          | 122               |          | <del>                                     </del> | -  | <del> </del>            | ╁            | ┼  | $\vdash$ | ╁        | $\vdash$  |  |  |
|          | 122<br>123        | $\vdash$ |  |  | <del> </del>            | $\vdash$     | ╁╴   | -        | ╁╌       | Н         |  |  |
|          | 124<br>125        | $\vdash$ | $\vdash$   | <del>                                     </del> | T                       | t            | <del> </del>                                     |          | -        | Н         |  |  |
|          | 125               |          |  |  |                         |              | 1  | Ι-       | $\top$   |           |  |  |
|          | 126               |          |  |  |                         |              | İ  |          |          |           |  |  |
|          | 127<br>128        |          |  |  |                         |              |  |          |          |           |  |  |
|          | 128               |          |  | _  |                         | <u> </u>     | <u> </u>   | <u> </u> | L        | Ш         |  |  |
|          | 129               | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>                | <u> </u>     | <u> </u>   | <u> </u> | <u> </u> | Ш         |  |  |
|          | 130               |          | <u> </u>   |  |                         | <u> </u>     | ├  | ļ        | ļ        | $\square$ |  |  |
|          | 131<br>132        | -        |  | -  | -                       | ├            | ╀  | ├-       |          |           |  |  |
|          | 133               |          | -  | $\vdash$   | <del> </del>            | -            | $\vdash$   | -        | ├        |           |  |  |
|          | 134               |          | -  |  |                         | <del> </del> | <del>                                     </del> | ├        | $\vdash$ |           |  |  |
|          | 135               |          |  |  | -                       | $\vdash$     |  | ┢╌       | 1        | H         |  |  |
|          | 136               |          |  |  |                         |              |  |          | İ        |           |  |  |
|          | 137               |          |  |  |                         |              |  |          |          |           |  |  |
|          | 138               |          |  |  | L                       | L            |  |          |          |           |  |  |
|          | 139               |          |  |  | _                       |              | L  |          |          | Ш         |  |  |
|          | 140               |          |  |  | _                       |              | <u> </u>   | <u> </u> | <u> </u> | Щ         |  |  |
|          | 141<br>142        |          | -  |  |                         | $\vdash$     | ├-   | -        | <u> </u> | Н         |  |  |
| -+       | 143               | $\dashv$ |  | -  |                         | <del> </del> | -  | -        |          | $\vdash$  |  |  |
| -        | 144               |          |  |  |                         | -            | $\vdash$   | -        |          | H         |  |  |
|          | 145               | $\dashv$ | _  | $\exists$  | _                       | <del> </del> | $\vdash$   | -        | -        | $\vdash$  |  |  |
|          | 146               |          |  | $\neg$   |                         |              | -  |          | -        | $\forall$ |  |  |
|          | 147               |          |  |  |                         |              |  |          |          | П         |  |  |
|          | 148               |          |  |  |                         |              |  |          |          |           |  |  |
|          | 149               | _        |  | $\Box$   |                         |              |  |          |          |           |  |  |
|          | 150               |          |  |  |                         |              |  |          |          |           |  |  |